

# Workshop Tasks

Group 1 – What social characteristics most constrained the timeliness of household preparation for Hurricane Andrew? (identify five)

Group 2 – Describe the multiple constituencies that comprise urban communities like Dade County and explain the relevance to public warning responses.

Group 3 – Illustrate how decisions to evacuate prior to Hurricane Andrew reflected temporal and locational constraints.

Group 4 – Identify four social factors that most constrained the decision to evacuate prior to Hurricane Andrew.

# Timeliness of Household Preparation

- Age
- Household Type
- TV Channel Watched
- Prior Hurricane Experience
- Home Ownership
- Race/Ethnicity
- Household Income

Source: Adapted from Gladwin, Hugh and Walter Gillis Peacock. 1997. "Warning and Evacuation: A Night for Hard Houses." Pp. 52-74 in *Hurricane Andrew: Ethnicity, Gender and the Sociology of Disaster* edited by Walter Gillis Peacock, Betty Hearn Morrow and Hugh Gladwin. London: Routledge, pp. 57-70.

# Message Confirmation Sources: General Public

- Authorities – 9%
- Mass Media – 38%
- Peers – 30%
- No Attempt – 23%

Source: Adapted from Lindell, Michael K. and Ronald W. Perry. 1992. *Behavioral Foundations of Community Emergency Planning*. Washington, D.C.: Hemisphere Publishing, p. 199.

Message Confirmation Sources:  
Employees

Confirmation Source	Initial	Final
Media	71%	14%
Other Firm Employee	13%	28%
Informal	2%	2%
Relative/Friend	3%	4%
Local Gov. Official	3%	21%
Specialized Agency	1%	3%
Observation of Others	8%	28%

Source: Adapted from Drabek, Thomas E. 1999. *Disaster-Induced Employee Evacuation*. Boulder, Colorado: Institute of Behavioral Science, University of Colorado, p. 68.

Overhead 10-4

# Evacuation Constraints

- Location in an Evacuation Zone
- Household Size
- Household with Elderly
- Household with Children
- Single Family Dwelling

Source: Adapted from Gladwin, Hugh and Walter Peacock. 1997.  
“Warning and Evacuation: Night for Hard Houses.” Pp. 52-74 in  
*Hurricane Andrew: Ethnicity, Gender and the Sociology of Disaster*  
edited by Walter Gillis Peacock, Betty Hearn Morrow and Hugh  
Gladwin. London: Routledge, pp. 67-68.

# Evacuation Sub-Processes Constrained by Length of Forewarning

- Degree of precision perceived in warning messages
- Perceived personal risk
- Initial confirmation source
- Work group discussions
- Contacted others
- Provided pre-impact assistance at work
- Experienced home/job tensions
- Morale change

Source: Adapted from Drabek, Thomas E. 2000. "Pattern Differences in Disaster-Induced Employee Evacuations." *International Journal of Mass Emergencies and Disasters* 18:289-315, pp. 297-299.

# Evacuation Sub-Processes Constrained by Organizational Size

- Warning message inconsistencies
- Degree of precision perceived in warning messages
- Final confirmation source
- Work group discussions
- Experienced home/job tensions
- Morale change

Source: Adapted from Drabek, Thomas E. 2000. "Pattern Differences in Disaster-Induced Employee Evacuations." *International Journal of Mass Emergencies and Disasters* 18:289-315, pp. 301-302.

# Evacuation Sub-Processes Constrained by Organizational Mission

- Degree of precision perceived in warning message
- Final confirmation source
- Perceived work location would remain safe
- Contacted others
- Provided pre-impact assistance at work

Source: Adapted from Drabek, Thomas E. 2000. "Pattern Differences in Disaster-Induced Employee Evacuations." *International Journal of Mass Emergencies and Disasters* 18:289-315, pp. 306-308.



# Hurricane Andrew: Policy Issues

- Evacuation Zone Stayers
  - A. Elderly
  - B. Single Family Homes
  - C. Low Income
  - D. Black Households
  - E. Household Size
- Leavers Outside Evacuation Zone
  - A. Young Children
  - B. Multi-Family Units

Source: Adapted from Gladwin, Hugh and Walter Gillis Peacock. 1997.  
“Warning and Evacuation: Night for Hard Houses.” Pp. 52-74 in *Hurricane Andrew: Ethnicity, Gender and the Sociology of Disaster* edited by Walter Gillis Peacock, Betty Hearn Morrow and Hugh Gladwin. London: Routledge, pp. 69-72.